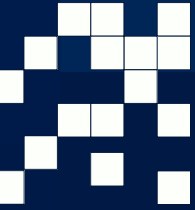


ASSIGNMENT_2



Q1-Write a program in C to read n number of values in an array and display them in reverse order.

Test Data :

Input the number of elements to store in the array :3

Input 3 number of elements in the array :

element - 0 : 2

element - 1 : 5

element - 2 : 7

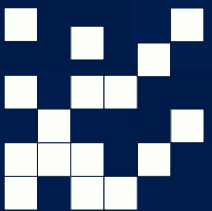
Expected Output :

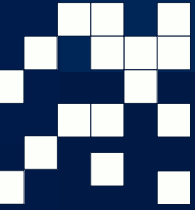
The values store into the array are :

2 5 7

The values store into the array in reverse are :

7 5 2





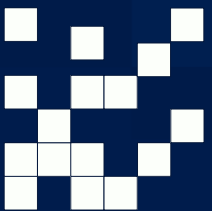
Q2- Write a program in C to count the total number of words in a string.

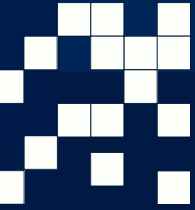
Test Data :

Input the string : This is w3resource.com

Expected Output :

Total number of words in the string is : 3





Q4-Define a structure named Time with members hours, minutes, and seconds. Write a C program to input two times, add them, and display the result in proper time format.

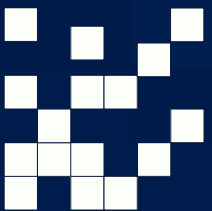
Test Data :

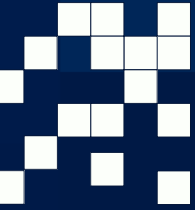
Input the first time (hours minutes seconds): 7 12 20

Input the second time (hours minutes seconds): 8 10 55

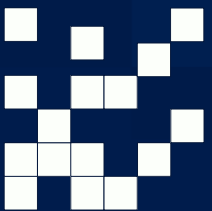
Expected Output :

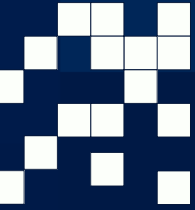
Resultant Time: 15:23:15





Q5– C Program to find area of a circle, passing arguments to macros. [Area of circle= πr^2]





Define a structure named Circle to represent a circle with a radius. Write a C program to calculate the area and perimeter of two circles and display the results

Input details for Circle 1:

Radius: 5

Input details for Circle 2:

Radius: 6.3

Circle 1:

Area: 78.54

Perimeter: 31.42

